

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): H. KAGAWA, et al  
Serial No.: (not yet assigned)  
Filed: February 6, 2004  
For: LIQUID CRYSTAL DISPLAY DEVICES

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 6, 2004

Sir:

In the matter of the above-identified application, this information disclosure statement is being submitted with the following citation as specified in 37 CFR 1.97(d).


"A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120."

Applicant(s) are submitting herewith a copy of Form PTO-1449 which list documents cited in parent application(s) Serial No. 10/195,068, filed July 15, 2002 and Serial No. 09/512,475, filed February 24, 2000, now U.S. Patent No. 6,423,385.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (520.38252CC2) and please credit any excess fees to such deposit account.

Respectfully submitted,



---

Melvin Kraus

Registration No. 22,466

ANTONELLI, TERRY, STOUT & KRAUS, LLP

MK/cee  
(703) 312-6600

Form PTO-1449  
Equivalent

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 520.38252CC2  
Serial No. (not yet assigned)  
Applicant: H. KAGAWA, et al  
Filing Date: February 6, 2004  
Group:

U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
	5,048,933	9/91	Asano		
	5,691,782	11/97	Nishikawa et al		
	6,191,837 B1	2/01	Fujimaki et al		

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
63-21907	5/88	Japan		
5-053121	3/93	Japan		
5-173147	7/93	Japan		
5-505247	8/93	Japan		
6-250194	9/94	Japan		
7-306417	11/95	Japan		
7-325298	12/95	Japan		
8-160433	6/96	Japan		
8-292426	11/96	Japan		
9-061823	3/97	Japan		
9-125063	5/97	Japan		
9-255956	9/97	Japan		
10-067988	3/98	Japan		
10-170928	6/98	Japan		

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

D. Klement et al., SID International Symposium, "Digest of Technical Papers", 1998, 26.2.
Masahito Oh-e et al., Applied Physics Letters, "Electro-Optical Characteristics and Switching Behavior of the In-Plane Switching Mode", Vol. 67, pp. 3895-3897, 1995.
Masahito Oh-e et al., Applied Physics Letters, "Response Mechanism of Nematic Liquid Crystals Using the In-Plane Switching Mode", Vol. 69, pp. 623-625, 1996.
Tanaka et al., IDW '97 Proceedings of the Fourth International Display Workshops", November 19-21, 1997, Nagoya Congress Center, Nagoya, Japan.

Examiner

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.